HMS Controls Upgrade

Presented at the Hall C User Meeting by Steven Lassiter
January 6, 2006

HMS Controls Systems

• Rotation system: Completed.

• I/O Cables: Pulled from counting house 2nd floor down to the HMS carriage.

• Dipole: Completed.

• Quadrupoles: Q3 ½ done.

• HMI: Up and running, nearly complete.

Quadrupole Status

- I/O Rack for Q3 has been wired internally, waiting to move into Hall.
- Control Chassis's for Quads have been installed in a rack on the 2nd floor Counting House. Wiring for this is about 40% complete.
- Tech has been hired to do cable terminations and Q1 and Q2's I/O racks.





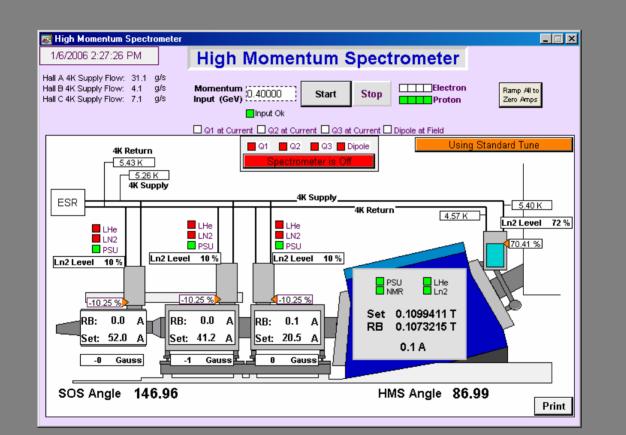




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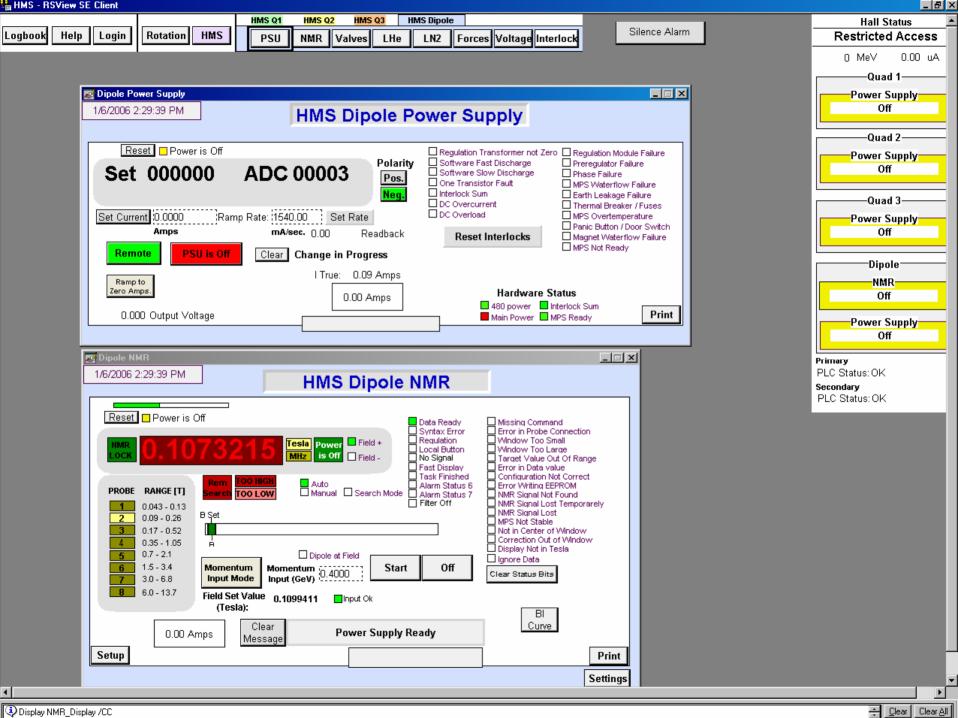




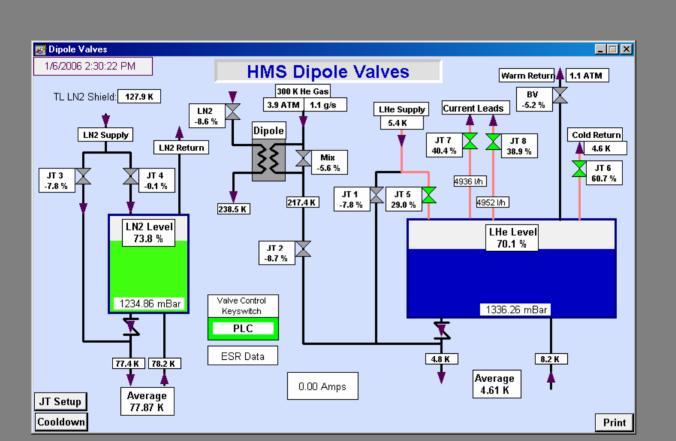


Secondary

PLC Status: OK

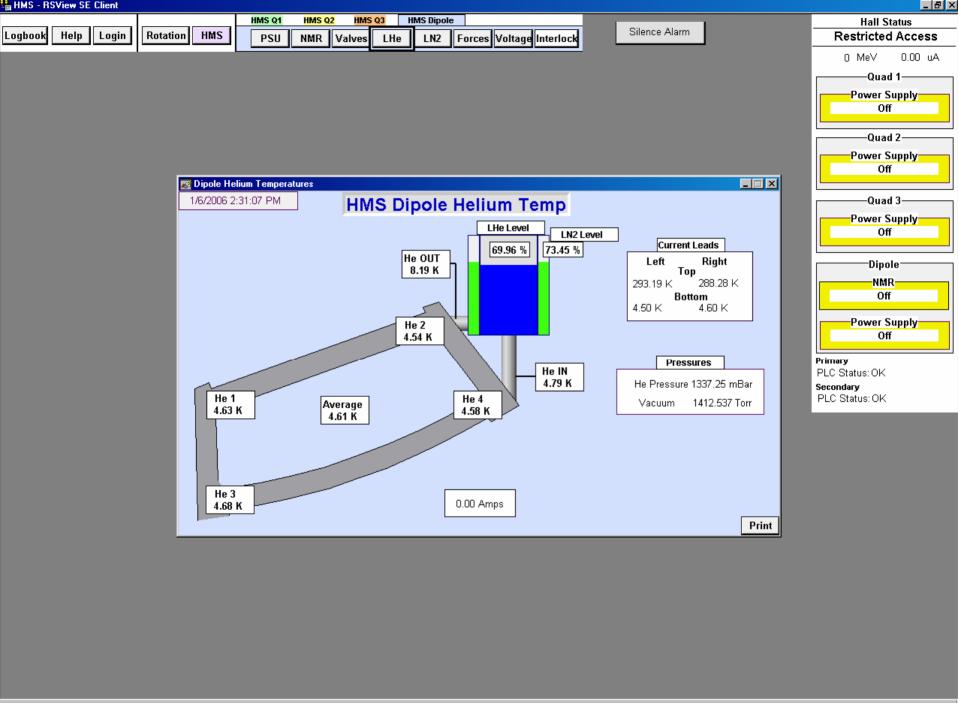






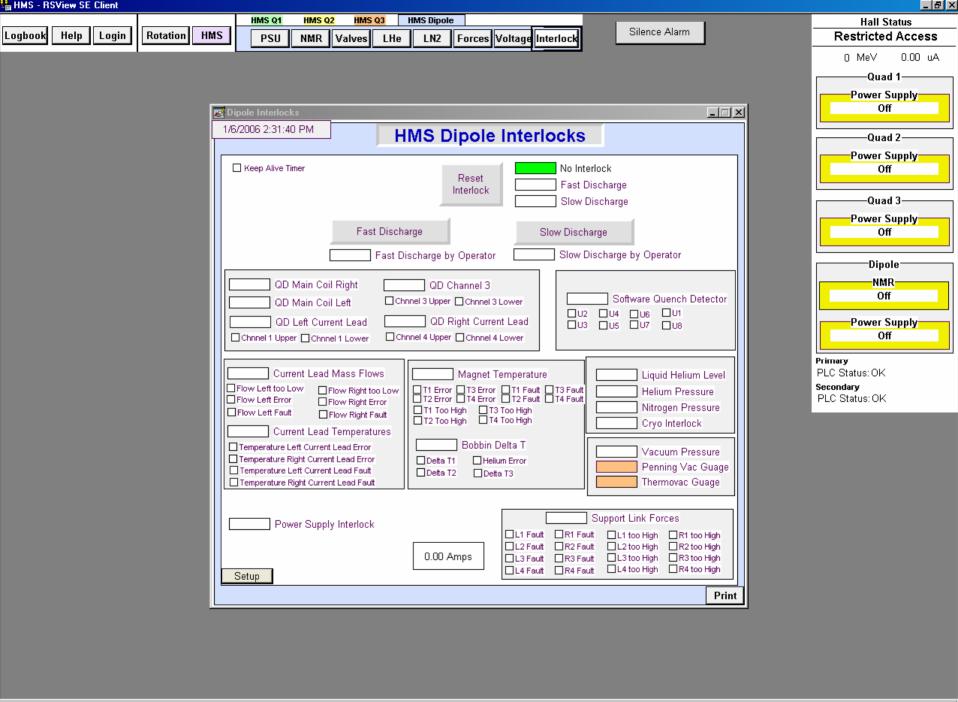
0 MeV 0.00 uA -Quad 1— Power Supply Off -Quad 2-Power Supply Off -Quad 3-Power Supply Off Dipole NMR-Off Power Supply Off Primary PLC Status: OK

Secondary
PLC Status: OK



Display Dipole_LHe_temp /CC

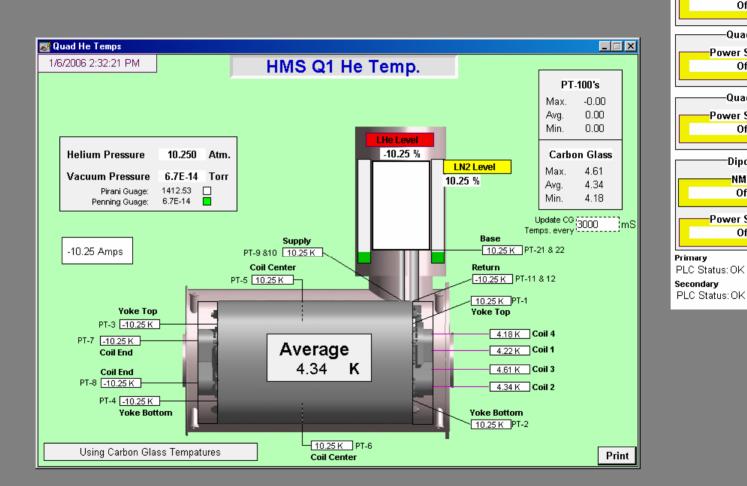
Clear Clear All



Display Dipole_interlock /CC

Clear Clear All

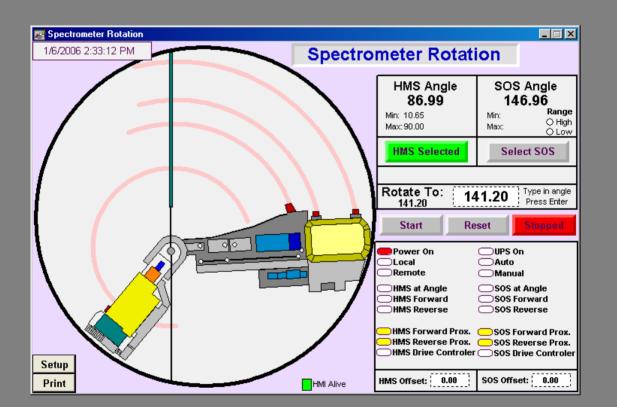




∩ MeV

0.00 uA





Restricted Access 0 MeV 0.00 uA Quad 1-Power Supply Off -Quad 2-Power Supply Off -Quad 3-Power Supply Off Dipole NMR-Off Power Supply Off Primary PLC Status: OK

Secondary

PLC Status: OK